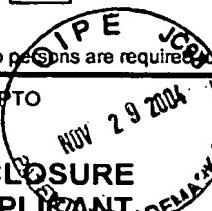


Please type a plus sign (+) inside this box →

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



Substitute for form 1449A/PTO

Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

| | |
|------------------------|-------------------------|
| Application Number | 10/826,375 |
| Filing Date | April 19, 2004 |
| First Named Inventor | ATIR, Shahar |
| Group Art Unit | 2818 2824 |
| Examiner Name | Not yet known VT Nguyen |
| Attorney Docket Number | P-6343-US |

Sheet

1

of

5

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| | | Number | Kind Code ² (if known) | | | |
| VTN | 1 | 5,418,743 | | Tomioka et al. | May 23, 1995 | |
| | 2 | 5,450,354 | | Sawada et al. | September 12, 1995 | |
| | 3 | 5,521,870 | | Ishikawa | May 28, 1996 | |
| | 4 | 6,285,589 | | Kajitani | September 4, 2001 | |
| | 5 | 5,027,321 | | Park | June, 1991 | |
| | 6 | 5,712,815 | | Bill et al. | January 27, 1998 | |
| | 7 | 5,537,358 | | Fong | July 16, 1996 | |
| | 8 | 2003/0142544 | | Maayan et al. | July 31, 2003 | |
| | 9 | 6,252,799 | | Liu et al. | June 26, 2001 | |
| | 10 | 2004/0008541 | | Maayan et al. | January 15, 2004 | |
| | 11 | 5,717,632 | | Richart et al. | February 10, 1998 | |
| | 12 | 4,388,705 | | Sheppard | June 14, 1983 | |
| | 13 | 4,389,705 | | Sheppard | June 21, 1983 | |
| | 14 | 5,784,314 | | Sali et al | July 21, 1998 | |
| | 15 | 5,812,456 | | Hull et al. | September 22, 1998 | |
| | 16 | 5,828,601 | | Hollmer et al | October 27, 1998 | |
| | 17 | 5,886,927 | | Takeuchi | March 23, 1999 | |
| | 18 | 5,241,497 | | Komarek | August 31, 1993 | |
| | 19 | 5,583,808 | | Brahmbhatt | December 10, 1996 | |
| | 20 | 5,754,475 | | Bill et al, | May 19, 1998 | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|-------------------------|---------------------|---|--|---|--------------------------|
| | | Office ³ | Number ⁴ | | | | |
| VTN | 21 | EP | 0656628 | Advanced Micro Devices, Inc. | April 9, 2003 | | <input type="checkbox"/> |
| | 22 | EP | 1126468 | Hewlett-Packard Company | August 22, 2001 | | <input type="checkbox"/> |
| | 23 | JP | 2002216488 | Toshiba Electronics Co. Ltd. | August 2, 2002 | | <input type="checkbox"/> |
| | 24 | JP | 408106791 | Matsushita Electric Ind. Co. Ltd. | April 23, 1996 | | <input type="checkbox"/> |
| | 25 | EP | 0740307 | SGS-Thomson Microelectronics S.r.l. | October 30, 1996 | | <input type="checkbox"/> |
| | 26 | WO | 03/088261 | Advanced Micro Devices, Inc. | October 23, 2003 | | <input type="checkbox"/> |
| | 27 | WO | 03/063168 | Advanced Micro Devices, Inc. | July 31, 2003 | | <input type="checkbox"/> |
| | 28 | WO | 03/036651 | Advanced Micro Devices, Inc. | May 1, 2003 | | <input type="checkbox"/> |
| | 29 | WO | 00/46808 | Saiyun Semiconductors Ltd. | August 10, 2000 | | <input type="checkbox"/> |
| | 30 | EP | 1164597 | Sharp Kabushiki Kaisha | December 19, 2001 | | <input type="checkbox"/> |

| | | | |
|--------------------|-----------------|-----------------|------------|
| Examiner Signature | /VanThu Nguyen/ | Date Considered | 10/11/2007 |
|--------------------|-----------------|-----------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031
PTO/SB/05A (10-96)
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
A collection of information unless it displays a valid OMB control number.

| | | | |
|--|---|--------------------------|----------------------------|
| Substitute for form 1449A/PTO | | <i>Complete if Known</i> | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 10/826,375 |
| | | Filing Date | April 19, 2004 |
| | | First Named Inventor | ATIR, Shahar |
| | | Group Art Unit | 2848 2824 |
| | | Examiner Name | Not yet known VT Nguyen |
| Sheet | 2 | of | 5 |
| | | Attorney Docket Number | |
| | | P-6343-US | |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|-----------------------------------|---|---|---|
| | | Number | Kind Code ² (if known) | | | |
| VTN | 31 | 5,841,700 | | Chang | November 24, 1998 | |
| | 32 | 6,469,935 | | Hayashi | October 22, 2002 | |
| | 33 | 5,940,332 | | Artieri | August 17, 1999 | |
| | 34 | 5,335,198 | | Van Buskirk et al. | August 2, 1994 | |
| | 35 | 5,986,940 | | Atsumi et al | November 16, 1999 | |
| | 36 | 2003/0214844 | | Iijima | November 20, 2003 | |
| | 37 | 2003/0117841 | | Yamashita | June 26, 2003 | |
| | 38 | 6,351,415 | | Kushnarenko | February 26, 2002 | |
| | 39 | 6,496,414 | | Kasa et al. | December 17, 2002 | |
| | 40 | 6,222,762 | | Guterman et al. | April 24, 2001 | |
| | 41 | 6,201,737 | | Hollmer et al. | March 13, 2001 | |
| | 42 | 6,044,022 | | Nachumovsky | March 28, 2000 | |
| | 43 | 6,084,794 | | Lu et al. | July 4, 2000 | |
| | 44 | 5,936,888 | | Sugawara | August 10, 1999 | |
| | 45 | 6,108,240 | | Lavi et al. | August 22, 2000 | |
| | 46 | 4,342,102 | | Puar | July 27, 1982 | |
| | 47 | 5,867,429 | | Chen et al. | February 2, 1999 | |
| | 48 | 5,477,499 | | Van Buskirk et al. | December 19, 1995 | |
| | 49 | 2003/0117861 | | Maayan et al. | June 26, 2003 | |
| V | 50 | 5,748,534 | | Dunlap et al. | May 5, 1998 | |
| | 51 | 5,805,500 | | Campardo et al. | September 8, 1998 | |

FOREIGN PATENT DOCUMENTS

| | | | |
|-----------------------|-----------------|--------------------|------------|
| Examiner Signature | /VanThu Nguyen/ | Date Considered | 10/11/2007 |
|-----------------------|-----------------|--------------------|------------|

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box -

1

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031
PTO/SB/08A (10-98)
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Do not collect a fee unless it displays a valid OMB control number.

| | | | |
|--|---|--------------------------|-------------------------|
| Substitute for form 1449A/PTO | | <i>Complete if Known</i> | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 10/826,375 |
| | | Filing Date | April 19, 2004 |
| | | First Named Inventor | ATIR, Shahar |
| | | Group Art Unit | 2010 2824 |
| | | Examiner Name | Not yet known VT Nguyen |
| Sheet | 3 | of | 5 |
| | | Attorney Docket Number | |
| | | P-6343-US | |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|--------------------------------------|---|---|--|
| | | Number | Kind Code ² (if known) | | | |
| VTN | 52 | 2002/0004878 | | Norman | January, 2002 | |
| | 53 | 5,450,341 | | Sawada et al. | September 12, 1995 | 14* |
| | 54 | 5,345,425 | | Shikatani | September 6, 1994 | |
| | 55 | 6,205,056 | | Pan et al. | March 20, 2001 | |
| | 56 | 6,240,040 | | Akaogi et al. | May 29, 2001 | |
| | 57 | 6,331,950 | | Kuo et al. | December 18, 2001 | |
| | 58 | 6,147,904 | | Liron | November 14, 2000 | |
| | 59 | 5,361,343 | | Kosonocky et al. | November 1, 1994 | |
| | 60 | 5,657,332 | | Auclair et al. | August 12, 1997 | |
| | 61 | 5,768,193 | | Lee et al. | June 16, 1998 | |
| | 62 | 5,946,258 | | Evertt et al. | August 31, 1999 | |
| | 63 | 5,969,993 | | Takeshima | October 19, 1999 | |
| | 64 | 2002/0132436 | | Eliyahu et al. | September 19, 1999 | |
| | 65 | 2002/01914465 | | Maayan et al. | December 19, 2002 | |
| | 66 | 5,969,993 | | Takeshima | October 19, 1999 | |
| | 67 | 6,636,440 | | Maayan et al | October 21, 2003 | |
| | 68 | 6,169,691 | | Pasotti et al. | January 2, 2001 | |
| | 69 | 5,694,356 | | Wong et al. | December 2, 1997 | |
| | 70 | 6,118,692 | | Banks | September 12, 2000 | |
| | 71 | 5,568,085 | | Eitan et al. | October 22, 1996 | |

FOREIGN PATENT DOCUMENTS

| | | | |
|-----------------------|-----------------|--------------------|------------|
| Examiner Signature | /VanThu Nguyen/ | Date Considered | 10/11/2007 |
|-----------------------|-----------------|--------------------|------------|

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
in a collection of information unless it displays a valid OMB control number.

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|--|---|--------------------------|------------------------------|
| Substitute for form 1449A/PTO | | <i>Complete if Known</i> | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 10/826,375 |
| | | Filing Date | April 19, 2004 |
| | | First Named Inventor | ATIR, Shahar |
| | | Group Art Unit | 2848 2824 |
| | | Examiner Name | Not yet known VT Nguyen |
| Sheet | 4 | of | 5 |
| | | Attorney Docket Number | |
| | | P-6343-US | |

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| | | Number | Kind Code ² (if known) | | | |
| VTN | 72 | 5,289,412 | | Frary et al. | February 22, 1994 | |
| | 73 | 5,305,262 | | Yoneda | April 19, 1994 | |
| | 74 | 5,949,728 | | Liu et al. | September 7, 1999 | |
| | 75 | 6,128,226 | | Eitan et al. | October 3, 2000 | |
| | 76 | 6,134,156 | | Eitan | October 17, 2000 | |
| | 77 | 6,185,143 | | Perner et al. | February 6, 2001 | |
| | 78 | 2002/0071313 | | Takano et al. | June 13, 2002 | |
| | 79 | 6,535,434 | | Maayan et al. | March 18, 2003 | |
| | 80 | 6,469,929 | | Kushnarenko et al. | October 22, 2002 | |
| | 81 | 5,508,968 | | Collins et al. | April 16, 1996 | |
| | 82 | 5,544,116 | | Chao et al. | August 6, 1996 | |
| | 83 | 5,627,790 | | Golla et al. | May 6, 1997 | |
| | 84 | 5,771,197 | | Kim | June 23, 1998 | |
| | 85 | 6,529,412 | | Chen et al. | March 4, 2003 | |
| | 86 | 6,525,969 | | Kurihara et al. | February 25, 2003 | |
| | 87 | 6,650,568 | | Iijima | November 18, 2003 | |
| | 88 | 6,643,178 | | Kurihara | November 4, 2003 | |
| | 89 | 6,594,181 | | Yamada | July 15, 2003 | |
| | 90 | 6,574,139 | | Kurihara | June 3, 2003 | |
| | 91 | 2004/0013000 | | Torii | January 22, 2004 | |

FOREIGN PATENT DOCUMENTS

| | | | |
|--------------------|-----------------|-----------------|------------|
| Examiner Signature | /VanThu Nguyen/ | Date Considered | 10/11/2007 |
|--------------------|-----------------|-----------------|------------|

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

2

PTO/SB/08A (10-96)

PTO/SB/08A (10-98)
Approved for use through 10/31/99. OMB 0651-0031

Approved for use through 10/31/99. OMB 0631-003
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

| | | | |
|--|---|--------------------------|-------------------------|
| Substitute for form 1449A/PTO | | <i>Complete if Known</i> | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | Application Number | 10/826,375 |
| | | Filing Date | April 19, 2004 |
| | | First Named Inventor | ATIR, Shahar |
| | | Group Art Unit | 2018 2824 |
| | | Examiner Name | Not yet known VT Nguyen |
| Sheet | 5 | of | 5 |
| | | Attorney Docket Number | |
| | | P-6343-US | |

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

| | | | |
|-----------------------|-----------------|--------------------|------------|
| Examiner Signature | /VanThu Nguyen/ | Date Considered | 10/11/2007 |
|-----------------------|-----------------|--------------------|------------|

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.